

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- BARIUM CHLORIDE, CAT #3756 --
6810-00-236-5336

===== Product Identification =====

Product ID:BARIUM CHLORIDE, CAT #3756
MSDS Date:01/01/1987
FSC:6810
NIIN:00-236-5336
MSDS Number: BDLSW
=== Responsible Party ===
Company Name:MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION
Emergency Phone Num:(314)982-5000
CAGE:62910
=== Contractor Identification ===
Company
Name:MALLINCKRODT SPECIALTY CHEMICALS CO
Address:222 RED SCHOOL LANE
Box:City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Phone:908-859-2151
CAGE:62910

===== Composition/Information on Ingredients =====

Ingred Name:BARIUM CHLORIDE
CAS:10361-37-2
RTECS #:CQ8750000
Fraction by Wt: >99%
OSHA PEL:0.5 MG/M3 (BA)
ACGIH TLV:0.5 MG/M3 (BA); 8990

===== Hazards Identification =====

Effects of Overexposure:INH:DUST IRRIT RESP TRACT;MAY CAUSE SEV GI
PROBLM,VOMIT,DIARR;SKIN/EYES:MAY CAUSE REDNESS,PAIN.

===== First Aid Measures =====

First Aid:INHAL:RMV TO FRESH AIR.GIVE CPR/OXYGEN IF BREATHING IS
DIFFICULT.GET MD;INGEST:IMMED INDUCE VOMIT BY GIVING 2 GL OF
WATER.NOTHING BY MOUTH IF UNCONSCIOUS.GET MD IMMED;SKIN/EYES:FLUSH
IMMED W/ LG QTY H 20 FOR 15 MIN.RMV CONTMNTD CLOTHES.GET MED ATTN.

===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing

Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H2O SPRAY TO COOL CONTR.
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA OF SPILL.CLEAN UP PERSONS NEED PROTCTV CLOTHG/RESP PROTECTION FM DUST.PICK UP SPILL & PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT G
ENERATE DUST.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY, VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE.
Other Precautions:AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP CONTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES & CLOTHING CONTACT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:SUPPLIED AIR RESPIR/SCBA; ESCAPE:
GAS MASK
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION
Supplemental Safety and Health
MSDS FM MFR DATED:AUG 26,86,CONFORMS TO OSHA HAZ COMM STD;MELTG PT:963C(1765F) & BOILG PT:1560C(2840F).SOLUBILTY IN WATER:36G/100G WATER @20C.

===== Physical/Chemical Properties =====

HCC:T4
Spec Gravity:3.097
Solubility in

Water:MODERATE

Appearance and Odor:WHITE SOLID.NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

BROMINE TRIFLUORIDE;2-FURAN PERCARBOXYLIC ACID

Hazardous Decomposition Products:MAY EMIT TOXIC FUMES OF CHLORIDES,&
OXIDES OF CA & CARBON.

===== Disposal Considerations =====

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE
DISPOSD AS WASTE IN A RCRA APPRVD WASTE DISP
OSAL FACILITY.COMPLY
WITH LOCAL,ST & FED REGS.

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